MULTIPROCESSOR SYSTEM

1I

Abstract of **JP60173654**

PURPOSE:To allow a faulty processor to communicate for diagnostic/test processing by providing a table on which two kinds of logical processor numbers are given to each processor executing data processing even if the data processing executed by the faulty processor is performed by a substituted processor. CONSTITUTION:A table 12 storing logical processor number and a physical processor number corresponding to processors 11-1n is provided in a system control processor 2. Then the logical processor number of each processor at diagnosis/test and data processing and the physical processor number corresponding to them are given to the table 12. If a fault takes place in a processor I1, a spare processor 1n+1 as a spare executes data processing as a substituted processor and the system control processor 2 conducts diagnosis and test to the processor 11.